

1 1.  
2 A mechanism for re-cocking from its non-operational position a  
3 shifted frame of an apparatus in which the apparatus becomes  
4 operational comprising  
5 a standard connected to the frame,  
6 latching means mounted on said standard,  
7 a second-class lever having a point of resistance and being pivotally-connected  
8 to said frame,  
9 a bearing member mounted at the point of resistance of said second-class  
10 lever,  
11 said bearing member adapted for seating on said latching means to re-cock  
12 the shifted frame from its non-operational to its operational position in  
13 the pivotal motion of its second-class lever, and  
14 pivotal means connected to said standard for seating said bearing  
15 member on said latch means,  
16 whereby actuation of said pivotal means raises the frame to thereby  
17 seat said bearing member on said latching means thereby re-  
18 cocking the apparatus into its operational position.  
19

20 2.  
21 The mechanism of claim 1 wherein  
22 said pivotal means comprises  
23 arm means pivotally mounted on said standard and having a first free end and  
24 a pivotal link connecting said arm means at its first free end to the  
25 frame.  
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27 3.  
28 The mechanism of claim 2 wherein  
29 said arm means includes a second free end for its actuation.  
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- 1 4.  
2 The mechanism of claim 1 in combination with an apparatus for testing the co-  
3 efficient of friction of a surface of a road,  
4 said apparatus including a frame having a member,  
5 said mechanism operatively connected to said member.  
6  
7 5.  
8 The combination of claim 4 including  
9 a means for releasing said latching means from its cocked mode in the  
10 operation of said apparatus.  
11  
12 6.  
13 The combination of claim 5 wherein  
14 said releasing means comprises solenoid means operatively connected to said  
15 second-class lever at its point of resistance.  
16  
17 7.  
18 The mechanism of claim 1 wherein  
19 said latching means comprises  
20 a platform and a bearing  
21  
22 8.  
23 The mechanism of claim 7 wherein  
24 said bearing is a roller bearing.  
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26 9.  
27 The mechanism of claim 8 wherein  
28 said latching means is adjustable on said standard.  
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1 10.

2 The mechanism of claim 7 wherein  
3 said latching means is adjustable on said standard.

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5 11.

6 The mechanism of claim 7 including  
7 means for adjusting said latching means on said standard.

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9 12.

10 The mechanism of claim 11 wherein  
11 said adjusting means comprises  
12 a threaded sleeve fixed to said standard, said standard being threaded.

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14 13.

15 A re-cocking mechanism to re-set into its operational mode a shifted apparatus  
16 having a frame and a standard, comprising  
17 a pivotal arm operatively connected through the standard to the apparatus, and  
18 having its one end a link adapted to link to a member on the frame,  
19 a second-class lever pivotally mountable and operatively connectable to the  
20 frame,  
21 latching means in the form of a platform mountable on the standard,  
22 a bearing on said second-class lever at its point of resistance for seating on  
23 said platform thereby cocking said mechanism by which the apparatus  
24 is re-set,  
25 said pivotal arm actuatable at its other end for causing said bearing to latch onto  
26 said platform thereby re-setting the apparatus.

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1 14.

2 The re-cocking mechanism of claim 13 in combination with a shiftable  
3 apparatus, said apparatus including means for releasing said bearing  
4 from its latched seat on said platform in its operation and whereby  
5 said apparatus shifts to a non-operational position upon actuation of  
6 said releasing means.

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8 15.

9 The combination of claim 14 wherein  
10 said releasing means comprises a solenoid operatively connected to said  
11 second-class lever.

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13 16.

14 The mechanism of claim 1 in combination with an apparatus shiftable as a  
15 result of its operation in a cycle or step of such operation,  
16 said apparatus including a frame having a member,  
17 said mechanism operatively connected to said member.

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